

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joseph P. Bigus et al. : Date: December 14, 1998
Group Art Unit: 2762 : IBM Corporation
Examiner: Unassigned : Intellectual Property Law
Serial No.: 09/100,595 : Dept. 917, Bldg. 006-1
Filed: June 19, 1998 : 3605 Highway 52 North
Title: PROGRAM PRODUCT FOR
OPTIMIZING THE PERFORMANCE
OF COMPUTER TASKS USING
INTELLIGENT AGENT WITH
MULTIPLE PROGRAM MODULES
HAVING VARIED DEGREES OF
DOMAIN KNOWLEDGE

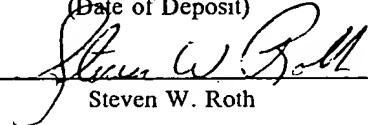
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is
being deposited with the United States Postal
Service as first class mail in an envelope
addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231, on

December 14, 1998

(Date of Deposit)



Steven W. Roth

INFORMATION DISCLOSURE STATEMENT

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on

Serial No. 09/100,595
Docket No. RO996-052LB

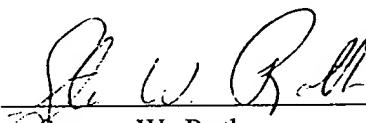
November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The references listed herein were cited in a search report by a foreign patent office, a copy of which is attached hereto. If any references listed herein are in a language other than English, said foreign search report is submitted in satisfaction of the requirements of 37 C.F.R. 1.98(a)(3). Unless a translation accompanies this Statement, no written English-language translation of any non-English language document, or portion thereof, listed herein, is within the possession custody or control of, or is readily available to any individual designated in 37 C.F.R. 1.56(c).

This Information Disclosure Statement is being filed under 37 C.F.R. 1.97(c) before a final action or notice of allowance. No filing fee is required because each item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement (certification provided below).

Respectfully submitted,

By



Steven W. Roth

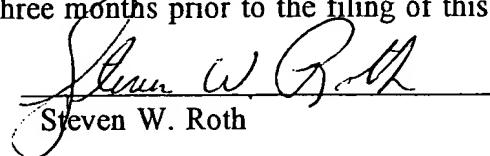
Attorney Reg. No. 34,712

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Fax: (507) 253-2382

CERTIFICATION

I hereby certify that each item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.



Steven W. Roth

December 14, 1998
Date

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT
(Use several sheets if necessary)

ATTY. DOCKET NO.
R0996-052LBSERIAL NO.
09/100,595APPLICANT:
Joseph P. Bigus et al.FILING DATE:
June 19, 1998GROUP:
2762

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPRO.)
	AA	5	7	6	1	6	6	3	06/02/98	Konrad Charles Lagarde et al.	707	10	05/15/97
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
													YES	NO	
	AL														
	AM														
	AN														
	AO														
	AP														

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Selker, Ted, "Coach: A Teaching Agent that Learns," Communication of the ACM, Vol. 37, No. 7,											
		July 1994, pp. 92-99.											
	AS												
	AT												

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.